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November 25, 2004
CM# 123081-339646
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To: U. S. Patent Office	U.S. Patent Office	703-308-6607	703-872-9306
From: Robert H. Nakano		416-601-7852	416-868-0673

United States Patent and Trademark Office
220 20th Street South
Customer Window, Mail Stop AMENDMENT
Crystal Plaza Two, Lobby, Room 1B03
Arlington, Virginia
Attn: Examiner Tuan PHAM

Re: United States Patent Application No. 10/025,741

Title: METHOD AND SYSTEM FOR ISOLATION OF A FAULT LOCATION
IN A COMMUNICATIONS DEVICE

Inventors: CHUAH, John et al.

Filing Date: December 26, 2001

Our Ref No: 123081-339646 (T01215-0079-US)

Please see the attached communication, including:

(1) Transmittal Form PTO/SB/21

(2) Fee Transmittal Form

(3) Information Disclosure Statement, including forms
PTO/SB/08 (4 sheets)

(4) Notice of Change of Representative, including
PTO/SB/122 (3 sheets)

(5) Certificate of Transmission by Facsimile

(6) A copy of EP 0 777 401, and of Patent Abstract of
Japan for JP 10233783

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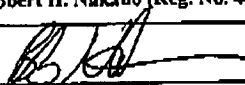
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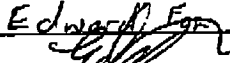
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TRANSMITTAL FORM (to be used for all correspondence after initial filing)	Application Number	10/025,741	
	Filing Date	December 26, 2001	
	First Named Inventor	CHUAB, John	
	Art Unit	2661	
	Examiner Name	To be assigned	
Total Number of Pages in This Submission	21	Attorney Docket Number	123081-339646 (T01215-0079-US)

ENCLOSURES (check all that apply)		
<input checked="" type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance communication to Technology Center (TC)
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	- References to IDS (1 foreign and 1 non-patent)
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<input type="checkbox"/> Response to Missing Parts/Incomplete Application		- Certificate of Transmittal by Facsimile
<input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53		
Remarks		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	McCarthy Tétrault LLP (Cust. No. 27,155) per Robert H. Nakano (Reg. No. 46,498)
Signature	
Date	November 25, 2004

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Date	Nov. 25, 2004

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**FEE TRANSMITTAL
for FY 2005**

Effective 10/01/2004. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$)

\$0.00

Complete if Known

Application Number	10/025,741
Filing Date	December 26, 2001
First Named Inventor	CHUAH, John
Examiner Name	To be assigned
Art Unit	2661
Attorney Docket No.	123081-339646 (T01215-0079-US)

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account

Deposit Account Number 15-0633

Deposit Account Name McCarthy Tétraut LLP

The Director is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	790	2001	395	Utility filing fee	
1002	350	2002	175	Design filing fee	
1003	550	2003	275	Plant filing fee	
1004	790	2004	395	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)					(\$)

2. EXTRA CLAIM FEES FOR UTILITY AND

Extra Claims		Fee from below		Fee Paid
Total Claims	<input type="text"/> -20** = <input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0.00
Independent Claims	<input type="text"/> .3** = <input type="text"/> 0	X	<input type="text"/>	= <input type="text"/> 0.00
Multiple Dependent				= <input type="text"/>

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1202	18	2202	9	Claims in excess of 20	
1201	88	2201	44	Independent claims in excess of 3	
1203	300	2203	150	Multiple dependent claim, if not paid	
1204	88	2204	44	** Reissue independent claims over original patent	
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (2)					(\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non - English specification	
1812	2,520	1812	2,520	For filing a request for ex parte reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	430	2252	215	Extension for reply within second month	
1253	980	2253	490	Extension for reply within third month	
1254	1,530	2254	765	Extension for reply within fourth month	
1255	2,080	2255	1,040	Extension for reply within fifth month	
1401	340	2401	170	Notice of Appeal	
1402	340	2402	170	Filing a brief in support of an appeal	
1403	300	2403	150	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,370	2453	685	Petition to revive - unintentional	
1501	1,370	2501	685	Utility issue fee (or reissue)	
1502	480	2502	245	Design issue fee	
1503	680	2503	330	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR § 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Statement	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	790	2809	395	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810	790	2810	395	For each additional invention to be examined (37 CFR § 1.129(b))	
1801	790	2801	395	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify):

*Reduced by Basic Filing Fee Paid

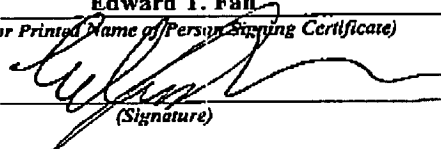
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SUBMITTED BY

Name (Print/Type)	Robert H. Nakano	Registration No. (Attorney/Agent)	46,498	Telephone	416-601-7852
Signature		Date	November 25, 2004		

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CERTIFICATE OF TRANSMISSION BY FACSIMILE (37 CFR 1.8) Applicant(s): CHUAH, John et al.			Docket No. 123081-339646
Application No. 10/025,741	Filing Date December 26, 2001	Examiner To be assigned	Group Art Unit 2661
Invention: Method and System For Isolation of a Fault Location in a Communications Device			
<p>I hereby certify that this <u>Information Disclosure Statement and Notice of Change of Correspondence Address</u> (Identify type of correspondence) is being facsimile transmitted to the United States Patent and Trademark Office (Fax. No. <u>703-872-9306</u>) on <u>November 25, 2004</u> (Date)</p> <p style="text-align: center;"><u>Edward T. Fan</u> (Typed or Printed Name of Person Signing Certificate)  (Signature)</p> <p style="text-align: center;">Note: Each paper must have its own certificate of mailing.</p>			

P18/REV02